

Serial No. 10/509,528  
Art Unit: 2618

**AMENDMENTS TO THE CLAIMS:**

This listing of the claims will replace all prior versions, and listings, of the claims in this application:

**Listing of Claims:**

1. (PREVIOUSLY PRESENTED) User interface for providing operational input to a portable telecommunication device without using keys or corresponding manual input means, the user interface comprising:

an electromechanical actuator including an electrical drive means provided with supply means for electrical power and a movable means arranged in relation to the drive means in such a way that the movable means performs a mechanical movement when electrical power is supplied to the drive means, and wherein an electric signal is induced in the drive means when the portable telecommunication device is moved in a way that causes the movable means to move, and

a sensing unit for sensing the induced electrical signal,  
characterised in that the user interface further comprises:

a control means for controlling a desired operation of portable telecommunication device by means of the signal induced in the drive means.

2. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the control means includes means for providing a control signal used for switching a function on/off.

3. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the control means includes means for providing a control signal used for switching the telecommunication device to a specific mode.

4. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the control means includes means for stopping the movable means in such a position that makes it possible for it to move when the portable telecommunication device is moved.

Serial No. 10/509,528  
Art Unit: 2618

5. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the control means includes means for stopping the movement of the movable means before the portable telecommunication device is switched to a induced electrical signal operation mode.

6. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the control means includes means for providing an identification signal for informing the user that the portable telecommunication device is switched to a induced electrical signal operation mode.

7. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the sensing unit includes means for providing an identification signal identifying the direction of movement of the movable means.

8. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the electromechanical actuator is a rotating electric motor provided with rotating eccentric means.

9. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the electromechanical actuator is a linear electric actuator provided with coil means and a moving magnetic core.

10. (PREVIOUSLY PRESENTED) User interface as defined in claim 1, characterised in that the sensing unit comprises an amplifier and a treshold unit whereby a control signal is generated in the control unit when the voltage exceeds a predefined threshold voltage.

11. (PREVIOUSLY PRESENTED) Use of an electromechanical actuator including an electrical drive means provided with supply means for electrical power and a movable means arranged in relation to the drive means in such a way that the movable means performs a mechanical movement when electrical power is supplied to the drive means, and wherein an electric signal is induced in the drive means when the portable telecommunication device is moved in a way that causes the movable means to move, as a user interface for providing operational input to a

Serial No. 10/509,528  
Art Unit: 2618

portable telecommunication device without using keys or corresponding manual input means for providing operational input in a portable telecommunication device.

12. (NEW) A portable telecommunication device comprising:

a user interface for providing operational input to a portable telecommunication device without using keys or corresponding manual input means, the user interface comprising an electromechanical actuator including an electrical drive means provided with supply means for electrical power and a movable means arranged in relation to the drive means in such a way that the movable means performs a mechanical movement when electrical power is supplied to the drive means, and wherein an electric signal is induced in the drive means when the portable telecommunication device is moved in a way that causes the movable means to move,

a sensing unit for sensing the induced electrical signal, and

a controller for controlling a desired operation of the portable telecommunication device by means of the signal induced in the drive means.

13. (NEW) A portable telecommunication device as defined in claim 12, characterised in that the electromechanical actuator is a rotating electric motor provided with rotating eccentric means.

14. (NEW) A portable telecommunication device as defined in claim 12, characterised in that the electromechanical actuator is a linear electric actuator provided with coil means and a moving magnetic core.

15. (NEW) A portable telecommunication device as defined in claim 14, further comprising a keypad coupled to the controller.

16. (NEW) A portable telecommunication device as defined in claim 15, wherein the portable telecommunication device is a cellular phone.

17. (NEW) A portable telecommunication device as defined in claim 12, wherein the portable telecommunication device is moved in a way corresponding to shaking the portable

Serial No. 10/509,528  
Art Unit: 2618

telecommunication device.